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Patent Abstracts of Japan

PUBLICATION NUMBER : 59122570
PUBLICATION DATE : 16-07-84

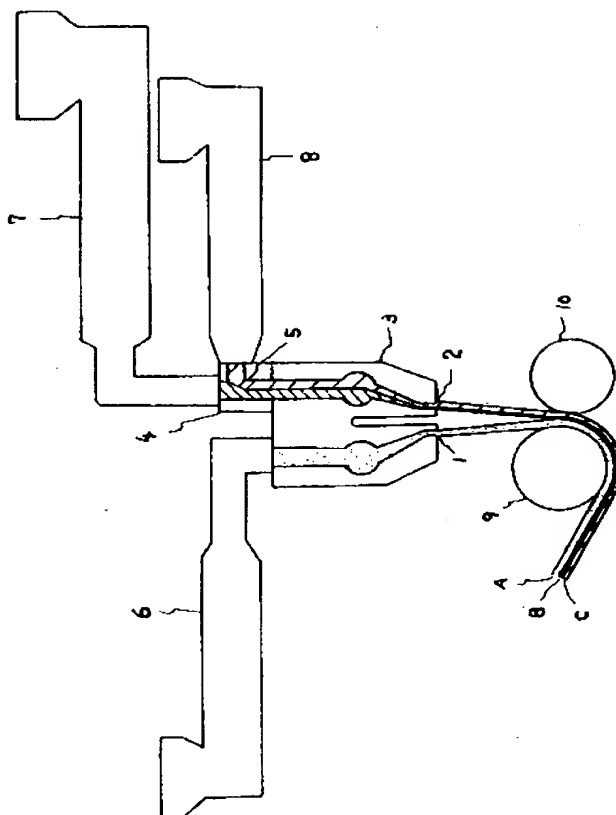
APPLICATION DATE : 28-12-82
APPLICATION NUMBER : 57233085

APPLICANT : TOPPAN PRINTING CO LTD;

INVENTOR : KATO TAKEO;

INT.CL : C09J 7/02

TITLE : MANUFACTURE OF
PRESSURE-SENSITIVE ADHESIVE
FILM



ABSTRACT : PURPOSE: To provide the titled film composed of a pressure-sensitive adhesive layer, a releasing layer and a substrate layer each having uniform thickness, by combining and laminating the first two layers with a combining adapter, extruding the laminate together with the substrate layer through the dual slot die in the form of film, and pressing the film with rolls.

CONSTITUTION: The objective film is manufactured e.g. by extruding a pressure-sensitive adhesive layer B (preferably a styrene-isoprene-styrene block copolymer) and a releasing layer C (e.g. low-density polyethylene) with the second extruder 7 and the third extruder 8, combining and laminating together in the combining adapter 4, extruding through the second slit of the dual slot die 3, and cooling in air by transferring a definite distance to the cooling roll 9. Separately, a substrate layer A (e.g. nylon 6) is extruded through the first slit of the dual slot die 3, cooled, and pressed and laminated with the above laminate between the cooling roll 9 and the press roll 10.

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